

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2862	(coordinate\$1 position\$1) near30 (calibrat\$4 assign\$4) and "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 09:51
L3	732	(coordinate\$1 position\$1) near30 (calibrat\$4 assign\$4) and moved and fixed and "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 09:51
L4	519	(coordinate\$1 position\$1) near30 (calibrat\$4 assign\$4) and moved and fixed and (times multipl\$4) and "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 09:57
L5	11	(coordinate\$1 position\$1) near30 (calibrat\$4 assign\$4) and moved and fixed and (times multipl\$4) near5 distance and "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:04
L6	6	(distance) near30 (calibrat\$4 assign\$4) and moved and fixed and (times multipl\$4) adj5 distance and "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:11
L7	23	(distance) near30 (calibrat\$4 assign\$4) and (times multipl\$4) adj5 distance and "382"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:11
L8	17	(distance) near30 (calibrat\$4 assign\$4) and (times multipl\$4) adj5 distance and "382"/\$.ccls. not (5 6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:13
L9	2	(distance) near30 (calibrat\$4 assign\$4) and (times multipl\$4) adj5 distance and slot\$1 same feeder\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:14
L10	18	(distance) near30 (calibrat\$4 assign\$4) and slot\$1 same feeder\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:18
L11	180	(position\$1 location\$1) near30 (calibrat\$4 assign\$4) and slot\$1 same feeder\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:19

L12	174	(position\$1 location\$1) near30 (calibrat\$4 assign\$4) and slot\$1 same feeder\$1 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:26
L13	5	(position\$1 location\$1 coordinate\$1) near5 (feeder\$1 slot\$1) near30 (calibrat\$4) and slot\$1 same feeder\$1 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:27
L16	157	feeder\$1 near5 distance\$1 near10 equal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:34
L17	12	feeder\$1 near5 distance\$1 near10 equal same slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:39
L18	32	slot\$1 near5 distance\$1 near10 equal same feeder\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:39
L19	10053	(coordinates position) near30 calibrat\$4 same relative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:53
L20	7642	(coordinates position) near10 calibrat\$4 same relative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:53
L21	3937	(coordinates position) near10 calibrat\$4 near20 relative	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:53
L22	132	(coordinates position) near10 calibrat\$4 near20 relative and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 11:22
L23	43634	(coordinate\$1 position\$1) near10 relative near10 equal and (position\$1 coordinat\$1) near10 calibrat\$4 "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 11:23
L24	4	(coordinate\$1 position\$1) near10 relative near10 equal and (position\$1 coordinat\$1) near10 calibrat\$4 and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 11:26

L25	0	(coordinate\$1 position\$1) near10 relative near10 equal and (position\$1 coordinat\$1) near10 calibrat\$4 not 23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 11:26
L26	157	(coordinate\$1 position\$1) near10 relative near10 equal and (position\$1 coordinat\$1) near10 calibrat\$4 not 24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 12:07
L27	2706	(feeder\$1 slot\$1) near5 (mov\$2 moving) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 12:08
L28	293	(feeder\$1 slot\$1) near5 (mov\$2 moving) and "235"/\$.ccls. and (parts components) same pick\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 12:10
L29	105	(displaceable movable) near5 (slot feeder) near platform	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 12:10
L30	14	component near10 (check\$4 verify verifi\$5) near30 (indicat\$4 error warning) same (sensor detetor image\$1) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:41
L31	4	component near10 (check\$4 verify verifi\$5) near30 (indicat\$4 error warning) same (sensor detetor image\$1) and "29"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:44
L32	7	component near10 (check\$4 verify verifi\$5) near30 (indicat\$4 error warning) same (sensor detetor ccd image\$1) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:58
L33	4	component near10 (check\$4 verify verifi\$5) near30 (indicat\$4 error warning) same (feeder\$1) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:47
L34	0	wherein.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:59
L35	0	"wherein".ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 14:59

S1	0	pct near dk03 near "00134"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 09:28
S2	9	(byskov maerkedahl).inv. and feeder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 09:36
S3	8	("20030225547" "5325305" "5930140" "6675056").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 10:05
S4	6	US-6027019-\$.DID. OR US-5515600-\$.DID. OR US-5553376-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 10:05
S5	9	(US-20050161498-\$ or US-20040232216-\$ or US-20030225547-\$).did. or (US-6675056-\$ or US-5930140-\$ or US-5325305-\$ or US-6027019-\$ or US-5553376-\$ or US-5515600-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/10/14 10:05
S6	3	S5 and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:04
S7	61430	(pcb\$1 card\$1) near5 (feed\$4 mount\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:05
S8	72361	(pcb\$1 card\$1) near5 (feed\$4 mount\$4 install\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:05
S9	1648	(pcb\$1 card\$1) near5 (feed\$4 mount\$4 install\$4) and camera and ccd	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:06
S10	1648	(pcb\$1 card\$1) near5 (feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:06
S11	4300	(pcb\$1 card\$1 component\$1) near5 (feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:07

S12	6074	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 14:58
S13	155	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv. and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:08
S14	375	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv. and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:08
S15	578	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:11
S16	0	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and ("235" "700")/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:11
S17	198	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:12
S18	9	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:15
S19	6	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and slot\$4 and ccd not byskov. inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:17
S20	147	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and slot\$4 and ccd not byskov. inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:18
S21	95	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and slot\$4 and ccd not byskov. inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "235"/\$.ccls. not silverbrook.inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:23
S22	35	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and slot\$4 and ccd not (knowles tsikos byskov).inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "235"/\$.ccls. not silverbrook. inv.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:24

S23	34	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and slot\$4 and ccd not (knowles tsikos byskov silverbrook\$1).inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/14 11:25
S24	0	"the".clm. adj "at least".clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:01
S25	155	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and ccd not byskov.inv. and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:10
S26	0	"6027019".pn. and S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:10
S27	147	(pcb\$1 card\$1 component\$1) near5 (assembl\$4 feed\$4 mount\$4 install\$4) and camera and slot\$4 and ccd not byskov. inv. and (verif\$4 check\$4 validat\$4) near10 (code id identification) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:10
S28	0	"6027019".pn. and (S27 S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 11:12
S29	2	"6027019".pn. and (slot\$1 feeder\$1 camera image id\$1 identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 12:51
S30	1118	ccd same feeder\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 12:52
S31	13	ccd same feeder\$1 and (picker mounter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 13:43
S32	10	ccd same feeder\$1 and (picker mounter) and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 13:51
S33	11	ccd same feeder\$1 and (picker mounter) and (camera sensor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/20 13:52

S34	0	("2003/0070289").URPN.	USPAT	OR	OFF	2005/10/20 14:00
S35	1	"6101709".pn.	USPAT	OR	OFF	2005/10/20 14:01
S36	0	"6101709".pn. and S33	USPAT	OR	OFF	2005/10/20 14:01
S37	0	"6101709".pn. and (pick\$4 mount\$4) and (camera41 sensor\$1)	USPAT	OR	OFF	2005/10/20 14:04
S38	0	"6101709".pn. and (camera41 sensor\$1)	USPAT	OR	OFF	2005/10/20 14:04
S39	1	"6101709".pn. and (camera\$1 sensor\$1)	USPAT	OR	OFF	2005/10/20 14:04
S40	1	"6101709".pn. and (pick\$4 mount\$4) and (camera\$1 sensor\$1)	USPAT	OR	OFF	2005/10/20 14:08
S41	542	(imag\$4 sens\$4 camera) near10 (feeders)	USPAT	OR	OFF	2005/10/20 14:09
S42	84	(imag\$4 sens\$4 camera) near10 (feeders) and ccd	USPAT	OR	OFF	2005/10/20 14:28
S43	421	(component\$1 part\$1) near (feeder\$1 tray\$1) same (ccd camera\$1 sens\$4)	USPAT	OR	OFF	2005/10/20 14:29
S44	30	(component\$1 part\$1) near (feeder\$1 tray\$1) same (ccd camera\$1 sens\$4) and (multiple "all") near5 (ccd camera sens\$4)	USPAT	OR	OFF	2005/10/20 14:30
S45	628	(list\$1 database\$1) same (feeder\$1 mounter\$1 picker\$1) same (part\$1 component\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 07:54
S46	9	(US-20050161498-\$ or US-20040232216-\$ or US-20030225547-\$).did. or (US-6675056-\$ or US-5930140-\$ or US-5325305-\$ or US-6027019-\$ or US-5553376-\$ or US-5515600-\$).did.	US-PGPUB; USPAT	OR	OFF	2005/10/21 07:54
S47	7	S46 and list\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:03
S48	7	S46 and list\$4 and (component\$1 part\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:12
S49	7	S46 and list\$4 and (component\$1 part\$1 slot\$1 id\$1 identification)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:13
S50	7	S46 and list\$4 and (component\$1 part\$1 slot\$1 id\$1 identification number41)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:13
S51	7	S46 and list\$4 and (component\$1 part\$1 slot\$1 id\$1 identification number\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:14
S52	7	S46 and list\$4 and (slot\$1 id\$1 identification number\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:29

S53	8	S46 and (locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 slot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:42
S54	421	(component\$1 part\$1) near (feeder\$1 tray\$1) same (ccd camera\$1 sens\$4)	USPAT	OR	OFF	2005/10/21 08:42
S55	159	S54 and (locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 slot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 08:42
S56	31	S54 and (locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 slot\$1) same (stor\$4 database\$1 list\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:03
S57	93	S54 and (locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 slot\$1) same (camera\$1 sens\$4 detect\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:03
S58	3	S54 and (locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 slot\$1) near20 (camera\$1 sens\$4 detect\$4) near30 (stor\$4 database\$1 list\$5 record\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:06
S59	468	(locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 slot\$1) near20 (camera\$1 sens\$4 detect\$4) near30 (stor\$4 database\$1 list\$5 record\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:06
S60	104	(locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 slot\$1) near20 (camera\$1 sens\$4 detect\$4) near30 (stor\$4 database\$1 list\$5 record\$4) and (component\$1 part\$1) near5 (feeder\$1 mount\$4 pick\$4) not S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:16
S61	80	(locat\$4 position\$4 coordinate\$1) near5 (feeder\$1 tray\$1) near20 (camera\$1 detect\$4 ccd) near30 (stor\$4 database\$1 list\$5 record\$4) and (component\$1 part\$1) near5 (feeder\$1 mount\$4 pick\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:27
S62	34	(locat\$4 position\$4 coordinate\$1) near5 (feeder\$1) near20 (camera\$1 detect\$4 ccd) near30 (stor\$4 database\$1 list\$5 record\$4) and (component\$1 part\$1) near5 (feeder\$1 mount\$4 pick\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:43
S63	6	S46 and (position\$4 coordinate\$1) near10 feeder\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:46



S64	8	S46 and (position\$4 coordinate\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:59
S65	31	(ccd camera) near5 feeders	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 09:47
S67	9	S46 and (position\$4 coordinate\$1 location\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 10:47
S68	5181	(calibrat\$4 configur\$4) near7 (position\$1 location\$1 coordinate\$1) same (feeder slot\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 10:49
S69	773	(calibrat\$4 configur\$4) near7 (position\$1 location\$1 coordinate\$1) same (feeder slot\$1) and (component\$1 part\$1) near5 (pick\$4 feeder mount\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 10:50
S70	293	(calibrat\$4) near7 (position\$1 location\$1 coordinate\$1) same (feeder slot\$1) and (component\$1 part\$1) near5 (pick\$4 feeder mount\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 10:55
S71	68	(calibrat\$4) near7 (position\$1 location\$1 coordinate\$1) same (feeder slot\$1) and (component\$1 part\$1) near5 (pick\$4 feeder mount\$4) and (ccd camera\$1 detector\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/21 10:55
S72	490	feeder\$1 near10 coordinate\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 10:51
S73	21	feeder\$1 near10 coordinate\$1 and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 13:13
S74	30	slot near10 coordinate\$1 and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 13:15
S75	1	slot near10 coordinate\$1 same calibrat\$4 and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 13:17

S76	7	("5382806"   "6063196"   "6188323"   "6327517"   "6591160"   "6629053"   "6648730").PN. OR ("6934606").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 13:17
S77	0	S76 and S75	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 13:17
S78	1	S76 and S74	US-PGPUB; USPAT; USOCR	OR	OFF	2005/10/31 13:17
S79	3	slot near10 coordinate\$1 same calibrat\$4 and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 13:18
S80	394	coordinate\$1 same calibrat\$4 and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 13:18
S81	69	coordinate\$1 same calibrat\$4 and (feeder\$1 slot\$1) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 13:44
S82	319	(position\$1 location\$1) same calibrat\$4 and (feeder\$1 slot\$1) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 13:45
S83	70	(position\$1 location\$1) same calibrat\$4 same (feeder\$1 slot\$1) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:23
S84	0	slot near10 calibrat44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:09
S85	2089	slot near10 calibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:09
S86	900	slots near10 calibrat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:09
S87	8	slots near10 calibrat\$4 and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:09

S88	242	(part component) near10 (feeder slot) same splic\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:24
S89	4	(part component) near10 (feeder slot) same splic\$4 and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:24
S90	0	reel adj pitch and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:47
S91	4	reel near5 pitch and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:48
S92	0	reel near5 pitch near30 (detector sensor barcode code) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:49
S93	0	reel near5 pitch near30 (detector sensor barcode code) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 14:49
S94	28	reel near5 pitch near30 (detector sensor barcode code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:00
S95	0	("2004/0069112").URPN.	USPAT	OR	OFF	2005/10/31 14:57
S96	35	reel near5 pitch near30 (detect\$4 sens\$4 barcode scan\$4 code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:03
S97	30	feeder near5 pitch near30 (detect\$4 sens\$4 barcode scan\$4 code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:17
S98	0	feeder near5 pitch near30 (detect\$4 sens\$4 barcode scan\$4 code) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:03

S99	6	feeder near10 pitch near10 (detect\$4 sens\$4 barcode scan\$4 code) not (S96 S97)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:18
S10 0	15	(US-20020053133-\$ or US-20030225547-\$ or US-20040232216-\$ or US-20050161498-\$ or US-20030219330-\$).did. or (US-5325305-\$ or US-5515600-\$ or US-5553376-\$ or US-5930140-\$ or US-6027019-\$ or US-6509559-\$ or US-6538244-\$ or US-6675056-\$ or US-6762847-\$).did. or (US-6027019-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/10/31 15:39
S10 1	141	S86 and digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:39
S10 2	3	S100 and digital	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:41
S10 3	2359	digital near10 (ccd image sensor detector) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:57
S10 4	367	S103 and (feeder slot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:53
S10 5	106	S103 and (component\$1 part\$1) same (feeder slot)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:53
S10 6	2	S103 and (component\$1 part\$1) same (feeder slot) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:54
S10 7	106	S103 and (component\$1 part\$1) same (feeder slot) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:56
S10 8	97691	digital near10 (ccd image sensor detector) and (component\$1 part\$1) same (feeder slot) "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:57
S10 9	95064	digital near10 (ccd image sensor detector) and (component\$1 part\$1) near10 (feeder slot) "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:57

S11 0	107	digital near10 (ccd image sensor detector) and (component\$1 part\$1) near10 (feeder slot) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 16:00
S11 1	8	digital near10 (ccd image sensor detector) and (component\$1 part\$1) near10 (feeder slot) same (position\$1 location\$1 coordinate\$1) and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 15:58
S11 2	24	digital near10 (ccd image sensor detector) and (component\$1 part\$1) same (position\$1 location\$1 coordinate\$1) and feeder and slot and "235"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 16:02
S11 3	13	digital near10 (ccd image sensor detector) and (component\$1 part\$1) same (position\$1 location\$1 coordinate\$1) and feeder and slot and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 16:16
S11 4	395	digital near10 (ccd image sensor detector) and (component\$1 part\$1) same (position\$1 location\$1 coordinate\$1) and feeder and slot not "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 16:17
S11 5	49	digital near10 (ccd image sensor detector) and (component\$1 part\$1) near10 (feeder\$1 slot\$1) and (position\$1 location\$1 coordinate\$1) same feeder and slot not "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/31 16:20
S11 6	4	digital near10 (ccd image sensor detector) and (component\$1 part\$1) near10 (feeder\$1 slot\$1) and (position\$1 location\$1 coordinate\$1) same feeder and slot and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 06:42
S11 7	48	digital near10 (ccd image sensor detector) and (component\$1 part\$1) near10 (feeder\$1 slot\$1) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 07:21
S11 8	7	digital near10 (ccd image sensor scan\$5 detector) and (component\$1 part\$1) near10 (feeder\$1 slot\$1) and "700"/\$.ccls. not S117	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/01 07:21
S11 9	169	feeder near5 (id identification number\$1) same (discrepanc\$3 warning error interrupt\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 15:00
S12 0	33	feeder near5 (id identification number\$1) near40 (discrepanc\$3 warning error interrupt\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 15:04

S12 1	9	feeder near5 (id identification number\$1) near40 (improper inappropriate wrong unintended)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 15:35
S12 2	1	(US-20020124391-\$).did.	US-PGPUB	OR	OFF	2005/11/23 15:35
S12 3	1	S122 and indicator\$1 same feeder\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 15:47
S12 4	1	(US-6027019-\$).did.	USPAT	OR	OFF	2005/11/23 15:48
S12 5	1	S124 and feeder near label	USPAT	OR	OFF	2005/11/23 15:48
S12 6	12826	feeder with (axis positions locations coordinates)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:06
S12 7	261	feeder with (axis positions locations coordinates) same (setup config\$5 calibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:07
S12 8	0	feeder with (axis positions locations coordinates) same (setup config\$5 calibrat\$4) and ("700" "235")/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:08
S12 9	14	feeder with (axis positions locations coordinates) same (setup config\$5 calibrat\$4) and ("700"/\$.ccls. "235"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:11
S13 0	50	feeder with (axis positions locations coordinates) same (calibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:12
S13 1	23258	(axis positions locations coordinates) with (calibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:12
S13 2	15130	(positions locations coordinates) with (calibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:12

S13 3	2836	( coordinates) with (calibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:12
S13 4	2836	(coordinates) with (calibrat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:13
S13 5	140	(coordinates) with (calibrat\$4) and "700"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:14
S13 6	0	("2005/0192702").URPN.	USPAT	OR	OFF	2005/11/23 16:13
S13 7	0	(coordinates) with (calibrat\$4) and "700"/\$.ccls. same assign\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:14
S13 8	98	(coordinates) with (calibrat\$4) same assign\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 10:52
S13 9	2	"6661918".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/23 16:23